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-	1	6151634.pn.	USPAT	2003/09/26 08:47
-	1	5920700.pn.	USPAT	2003/09/26 08:48
-	1	6014706.pn.	USPAT	2003/09/26 08:49
-	1	5915094.pn.	USPAT	2003/09/26 08:50
-	1	5918213.pn.	USPAT	2003/09/26 08:51
-	1	5913039.pn.	USPAT	2003/09/26 09:03
-	2315	709/225,226,229,231.ccls.	USPAT	2003/09/26 09:03
-	39	709/225,226,229,231.ccls. and (video and purchas\$ and applet)	USPAT	2003/09/26 09:20
-	37	709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)	USPAT	2003/09/26 09:16
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-	109	((video or multimedia) and purchas\$ and (download same applet))	USPAT	2003/09/26 09:21
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-	16818	709/\$.ccls.	USPAT	2003/09/26 09:25
-	45	((video or multimedia) and purchas\$ and (download same applet)) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet))) and 709/\$.ccls.	USPAT	2003/09/26 09:25
-	34	((video or multimedia) and purchas\$ and (download same applet)) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet))) and 709/\$.ccls.) not (((video or multimedia) and purchas\$ and (download same applet)) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)	USPAT	2003/09/26 10:19

-	92	((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet))) or (709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and 709/\$.ccls.) not (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.))	USPAT	2003/09/26 10:20
-	43	((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet))) or (709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and 709/\$.ccls.) not (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)) not (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.))	USPAT	2003/09/26 10:20

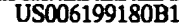
-	0	(((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet))) or (709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and 709/\$.ccls.) not (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)) not (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and preview.ab. (multimedia and preview).ab.	USPAT	2003/09/26 10:20
-	7	((multimedia and preview).ab.) not	USPAT	2003/09/26 10:23
-	7	(((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet))) or (709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and 709/\$.ccls.) not (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.))	USPAT	2003/09/26 10:20
-	83	((multimedia or video) and (preview or try)).ab.	USPAT	2003/09/26 10:24

-	76	((((multimedia or video) and (preview or try)).ab.) not (((multimedia and preview).ab.) not (((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet))) or (709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and 709/\$.ccls.) not (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.))	USPAT	2003/09/26 10:24
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-	0	(((multimedia or video) and (preview or try)).ab.) not (((multimedia and preview).ab.) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet))) or (709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and 709/\$.ccls.) not (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and applet.ab.)) or (((((video or multimedia) and purchas\$ and (download same applet))) not ((709/225,226,229,231.ccls. and (video and purchas\$ and applet)) or (709/225,226,229,231.ccls. and (multimedia and purchas\$ and applet)))) and appletnload) and (appletnload)	USPAT	2003/09/26 10:24
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-	1	5925097.pn.	USPAT	2003/09/27 14:34
-	1	6560636.pn.	USPAT	2003/09/27 14:38
-	2	6,311,209.pn. or 5,987,376.pn.	USPAT	2003/09/27 14:40
-	1825	709/201,205,206.ccls.	USPAT	2003/09/27 14:41
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-	8	709/201,205,206.ccls. and bot	USPAT	2003/09/27 14:45
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-	11	(((((irc or irq or chat or bot or (instant adj messaging)).ab.) and leader.ab.) or (((irc or irq or chat or bot or (instant adj messaging)).ab.) and (master or commander or guide).ab.)) not (709/201,205,206.ccls. and (master or commander or guide).ab.))	USPAT	2003/09/27 14:54
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-	630	(internet or www) and player.ab.	USPAT	2003/09/27 14:55
-	0	((internet or www) and player.ab.) and leader.ab.	USPAT	2003/09/27 14:55
-	23	((internet or www) and player.ab.) and host.ab.	USPAT	2003/09/27 14:55
-	17	((internet or www) and player.ab.) and (master or commander or guide).ab.	USPAT	2003/09/27 14:57
-	17	(((((internet or www) and player.ab.) and (master or commander or guide).ab.) not (((internet or www) and player.ab.) and host.ab.)	USPAT	2004/05/10 08:03
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-	1	709/201,205,206,220,222,223.ccls. and (redundant same leader)	USPAT	2004/05/10 08:05
-	12	709/201,205,206,220,222,223.ccls. and (leader).ab.	USPAT	2004/05/10 08:13
-	3	5704032.pn. or 5696896.pn. or 5699501.pn. or 5787249.pn.	USPAT	2004/05/10 08:15
-	4	5704032.pn. or 5696896.pn. or 5699501.pn. or 5787249.pn.	USPAT	2004/05/10 08:15



(10) Patent No.: US 6,199,180 B1  
(45) Date of Patent: Mar. 6, 2001

- |             |         |              |        |
|-------------|---------|--------------|--------|
| 5,815,652 * | 9/1998  | Ote et al.   | 713/31 |
| 5,835,780   | 11/1998 | Osaki et al. | 714/14 |
| 6,044,476 * | 3/2000  | Ote et al.   | 714/31 |

- ## FOREIGN PATENT DOCUMENTS

- |          |         |      |
|----------|---------|------|
| 05119875 | 5/1993  | (JP) |
| 05189094 | 7/1993  | (JP) |
| 05224782 | 9/1993  | (JP) |
| 06028063 | 2/1994  | (JP) |
| 06085867 | 3/1994  | (JP) |
| 07319833 | 12/1995 | (JP) |
| 08115281 | 5/1996  | (JP) |
| 08130546 | 5/1996  | (JP) |
| 08205257 | 8/1996  | (JP) |
| 08297590 | 11/1996 | (JP) |
| 10011177 | 1/1998  | (JP) |

\* cited by examiner

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Assistant Examiner—Pierre E. Elisca

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(57) **ABSTRACT**

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 09/475,057

(22) Filed: Dec. 30, 1999

### Related U.S. Application Data

- (63) Continuation of application No. 09/144,174, filed on Aug. 31, 1998, which is a continuation of application No. 08/655,482, filed on May 30, 1996.

(30) **Foreign Application Priority Data**

May 31, 1995 (JP) ..... 7-133177

- (51) Int. Cl.<sup>7</sup> ..... G06F 11/00  
(52) U.S. Cl. .... 714/31  
(58) Field of Search ..... 714/31, 46, 47,  
714/25, 39, 14, 22; 709/223, 224; 364/280.3;  
713/300, 320, 340

(56) **References Cited**

## U.S. PATENT DOCUMENTS

- |           |         |                 |         |
|-----------|---------|-----------------|---------|
| 5,204,955 | 4/1993  | Kagci et al.    | 714/25  |
| 5,237,677 | 8/1993  | Hirosawa et al. | 714/46  |
| 5,257,384 | 10/1993 | Farrand et al.  | 395/725 |
| 5,272,382 | 12/1993 | Heald et al.    | 307/66  |
| 5,283,905 | 2/1994  | Saadeh et al.   | 395/750 |
| 5,699,502 | 12/1997 | Swanberg et al. | 714/708 |

**6 Claims, 23 Drawing Sheets**

